

Pirelli Tyre Factory Expansion



The project was designed for a new industrial hub to be established in the area of Via Brescia by adding new production units to the existing structure, with the consequent redesign of the general services and internal distribution network. Despite the diversity of the end product (tyres for heavy goods vehicles in the existing facility and tyres for high-performance cars in the new factory), the new hub identifies the shared services for employees, the centralised production of energy and some parts of the production process as activities that are common to both production lines.

Thanks to the Pirelli Foundation for its cooperation.

See more at www.fondazionepirelli.org www.ilcantodellafabbrica.org

Dati Progetto

| | |
|------------------|-----------------|
| Design | 2007 - 2009 |
| Construction | 2010 - 2012 |
| Site area | 278.670 m2 |
| Total Floor Area | 16.250 m2 |
| Height | 10 m (variable) |
| Floors | 2 |

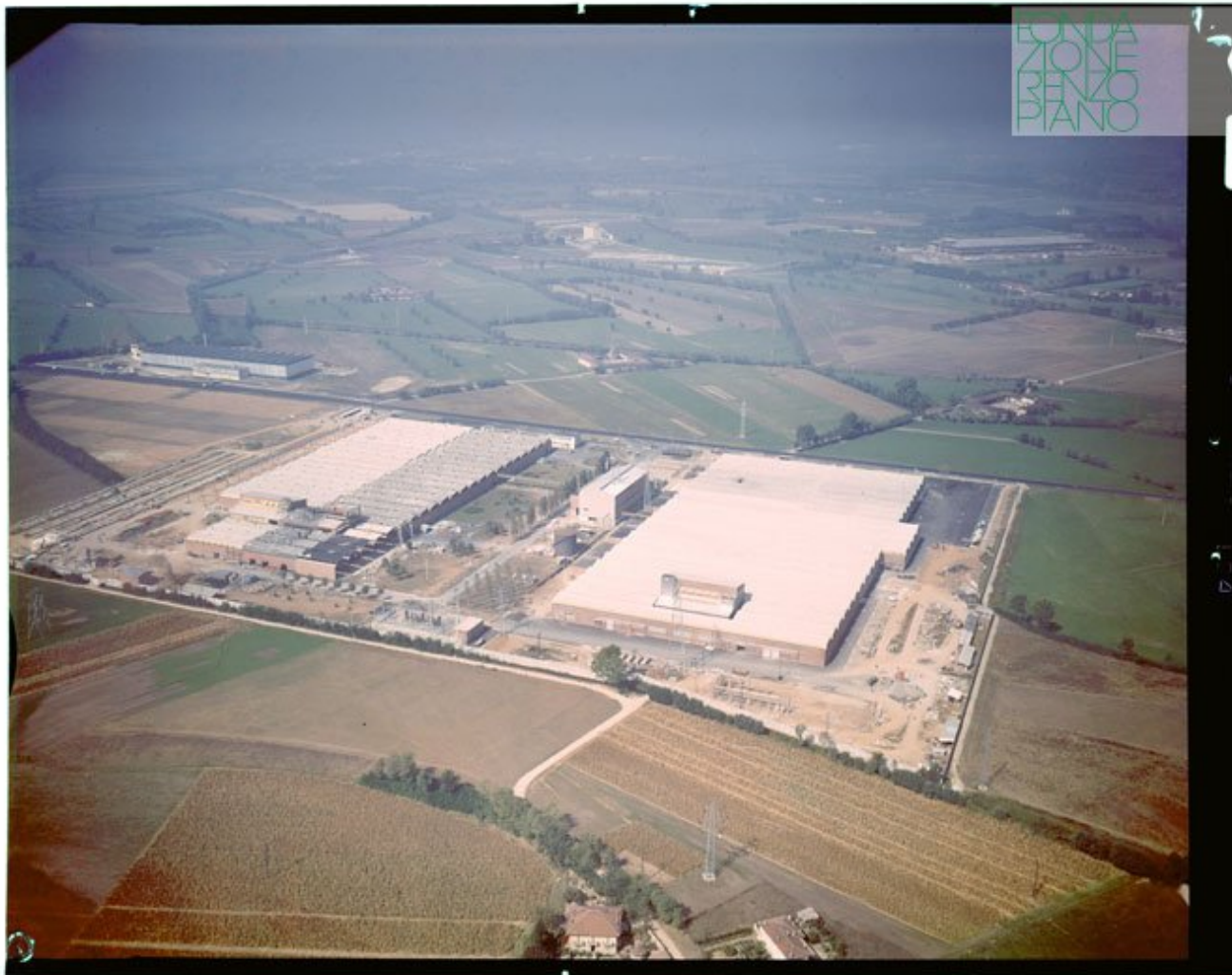
Credits

| | |
|-------------|---|
| Client | Pirelli Tyre |
| Architects | Renzo Piano Building Workshop, architects |
| Consultants | Ove Arup & Partners (environmental concept); Favero & Milan (structure); SCIDI+Progeca (engineering and construction management); Studio Giorgetta (landscape) |

Immagini



| | |
|------------|---|
| Subject | Night view of the entrance of the Spine |
| Date | 2016 |
| Image code | - |
| Author | Fulgeri Gilbert, Carlo |
| Copyright | Fondazione Pirelli |



| | |
|------------|----------------------------|
| Subject | Aerial view of the factory |
| Date | - |
| Image code | - |
| Author | - |
| Copyright | Fondazione Pirelli |



| | |
|------------|--------------------|
| Subject | Check of the tyres |
| Date | 1969 |
| Image code | - |
| Author | Ph. Facchini |
| Copyright | Fondazione Pirelli |



| | |
|------------|--------------------|
| Subject | External view |
| Date | 1976 |
| Image code | - |
| Author | Corso, Gianfranco |
| Copyright | Fondazione Pirelli |



| | |
|------------|----------------------------|
| Subject | Vulcanization of the tyres |
| Date | 1962 |
| Image code | - |
| Author | Hammacher, Arno |
| Copyright | Fondazione Pirelli |



| | |
|------------|---------------------------|
| Subject | 'Il Canto della Fabbrica' |
| Date | 2017 |
| Image code | - |
| Author | Ippistudio |
| Copyright | Fondazione Pirelli |



| | |
|------------|----------------------------|
| Subject | The library of the factory |
| Date | 2016 |
| Image code | - |
| Author | Fulgeri Gilbert, Carlo |
| Copyright | Fondazione Pirelli |



| | |
|------------|------------------------------------|
| Subject | The workplace canteen at the Spine |
| Date | 2016 |
| Image code | - |
| Author | Fulgeri Gilbert, Carlo |
| Copyright | Fondazione Pirelli |



| | |
|------------|--------------------------|
| Subject | View of the spine |
| Date | 2013-05-02 |
| Image code | Pty__167 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|--------------------------|
| Subject | The spine and the canopy |
| Date | 2013-05-02 |
| Image code | Pty__168 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|-----------------------------|
| Subject | View of the tree-lined road |
| Date | 2013-05-02 |
| Image code | Pty__171 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|--------------------------|
| Subject | Detail of the spine |
| Date | 2013-05-02 |
| Image code | Pty__176 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|--|
| Subject | View of the spine and the tree-lined road through east |
| Date | 2013-05-02 |
| Image code | Pty__178 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|---|
| Subject | The glazed hallway connecting the blocks of the spine |
| Date | 2013-05-02 |
| Image code | Pty__179 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|--|
| Subject | Internal view of the glazed hallway at groundfloor |
| Date | 2013-05-02 |
| Image code | Pty__183 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|---|
| Subject | View from the glazed hallway at first floor |
| Date | 2013-05-02 |
| Image code | Pty__187 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|---|
| Subject | View of the spine and the tree-lined road |
| Date | 2013-05-02 |
| Image code | Pty__193 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|---|
| Subject | View of the spine connection at groundfloor |
| Date | 2013-05-02 |
| Image code | Pty__195 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |



| | |
|------------|--------------------------|
| Subject | View from west |
| Date | 2013-05-02 |
| Image code | Pty__197 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |

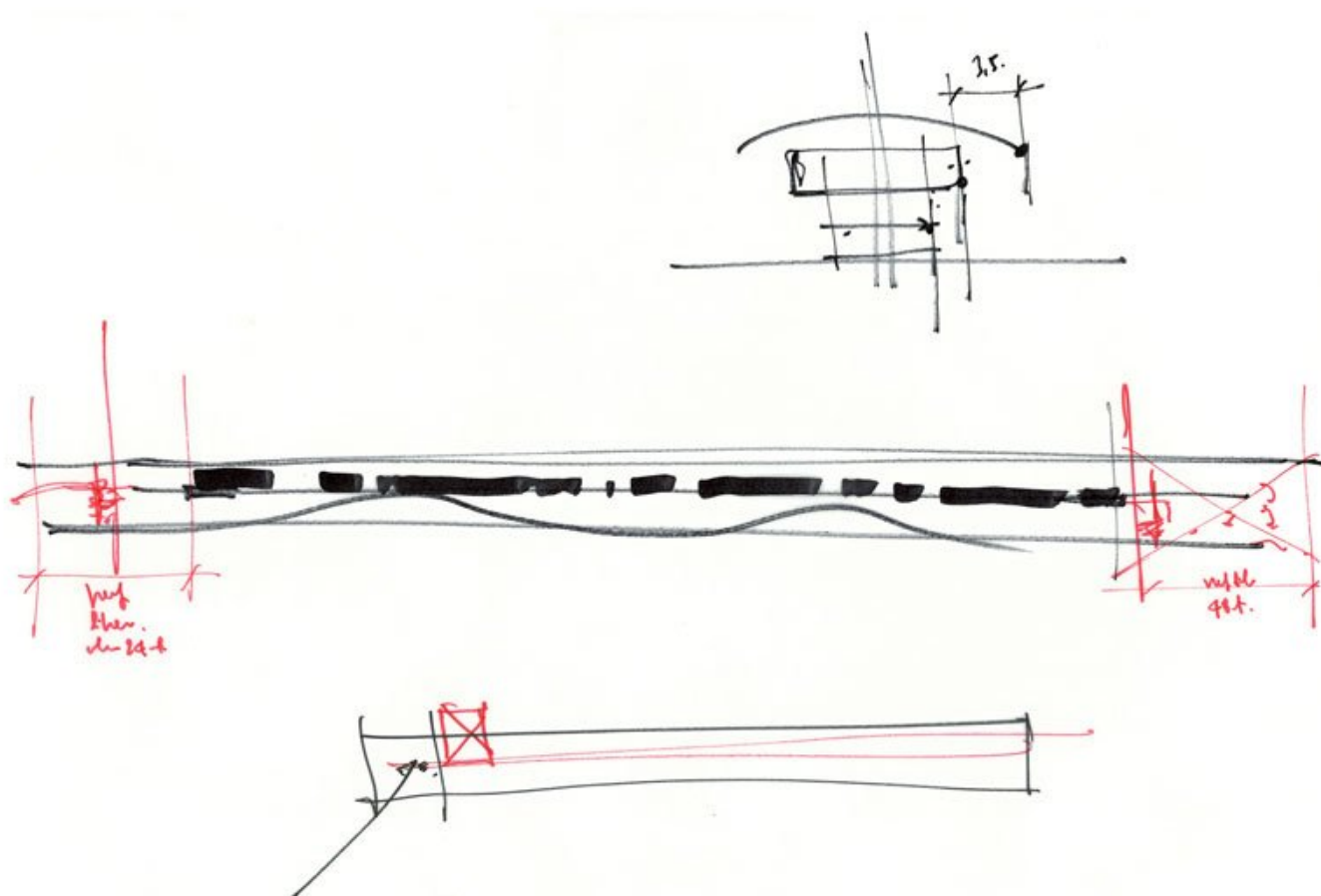


| | |
|------------|---------------------------|
| Subject | Detail of the groundfloor |
| Date | 2013-05-02 |
| Image code | Pty__206 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |

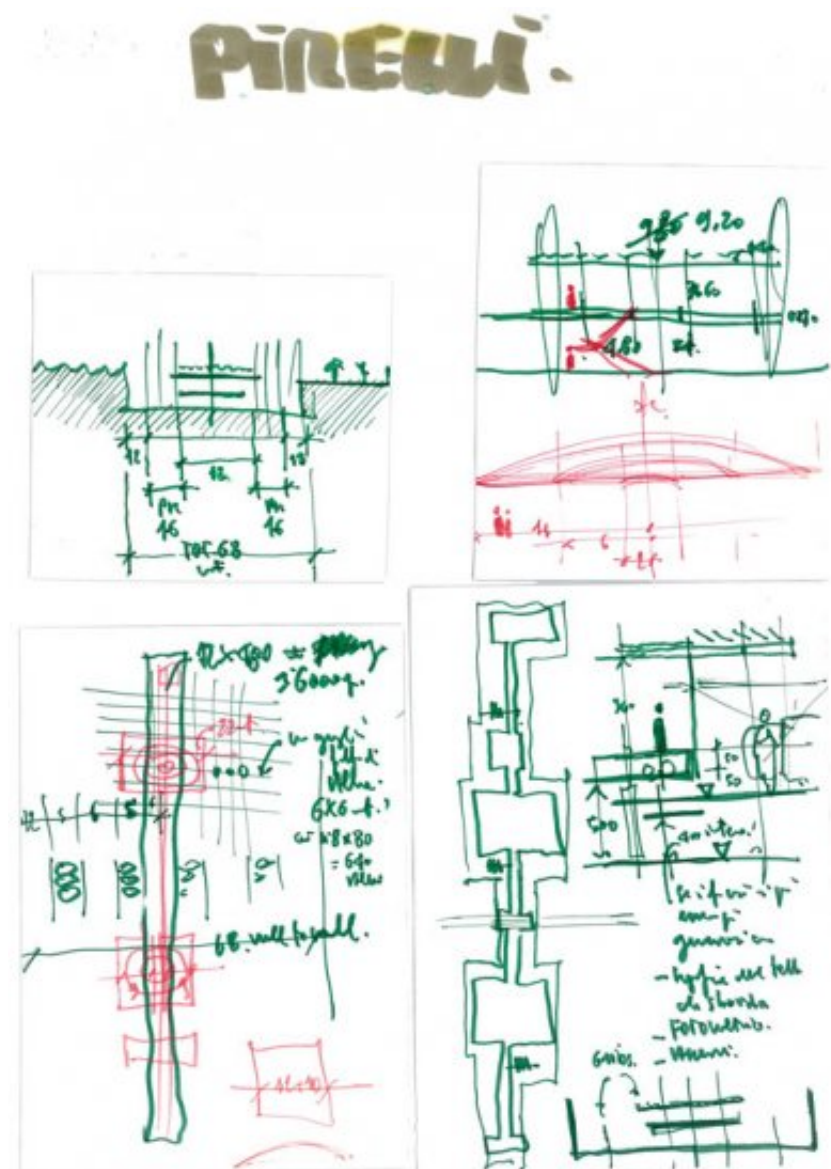


| | |
|------------|--------------------------|
| Subject | Detail of the roof |
| Date | 2014-04-01 |
| Image code | Pty__260 |
| Author | Cano, Enrico |
| Copyright | Fondazione Pirelli/ RPBW |

Disegni



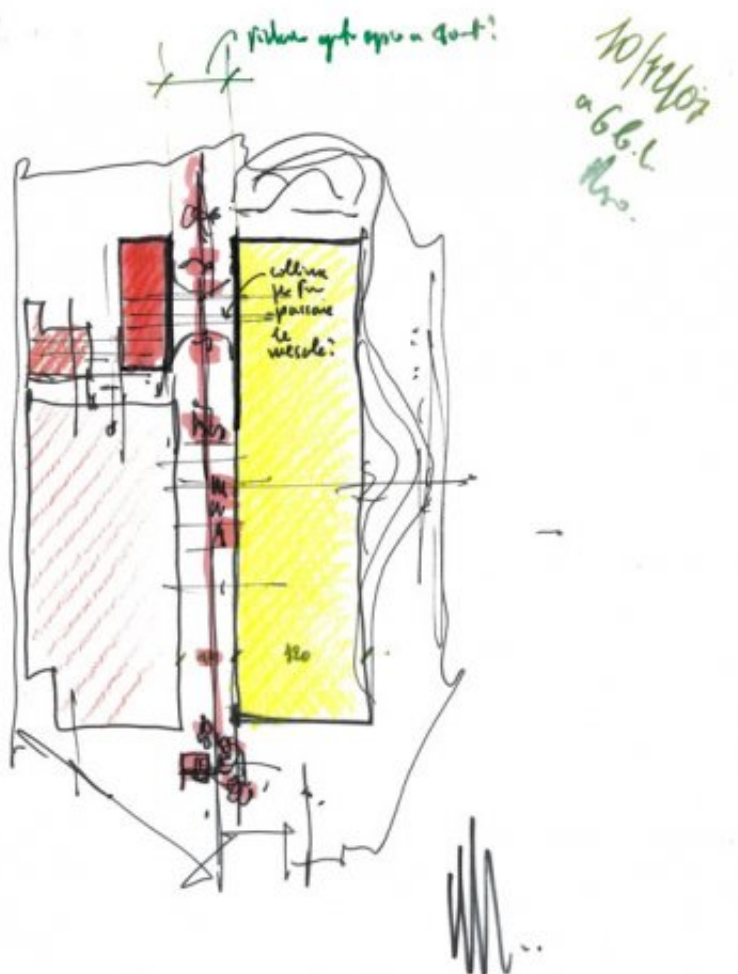
| | |
|----------------|---|
| Subject | Study sketch: the spine, plan and section |
| Scale | - |
| Size | A3 |
| Date | 2008-04-23 |
| Drawing number | - |
| Drawing code | Pty-rp_051 |
| Author | Renzo Piano |
| Copyright | Renzo Piano |



| | |
|----------------|-------------------------|
| Subject | Study sketch: the spine |
| Scale | - |
| Size | A4 |
| Date | 2009-12 |
| Drawing number | - |
| Drawing code | Pty-rp_074 |

| | |
|--------|-------------|
| Author | Renzo Piano |
|--------|-------------|

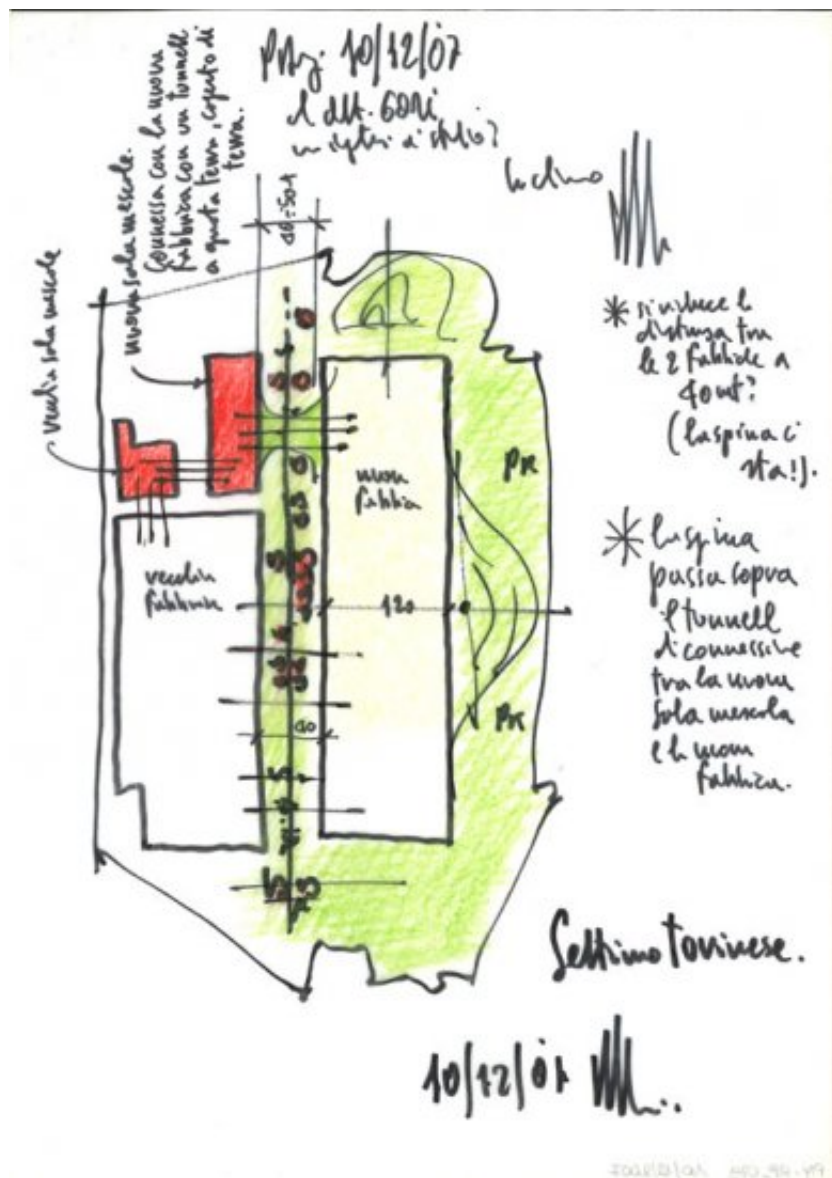
| | |
|-----------|-------------|
| Copyright | Renzo Piano |
|-----------|-------------|



| | |
|----------------|--------------|
| Subject | General plan |
| Scale | - |
| Size | A4 |
| Date | 2007-12-10 |
| Drawing number | - |
| Drawing code | Pty-rp_076 |

| | |
|--------|-------------|
| Author | Renzo Piano |
|--------|-------------|

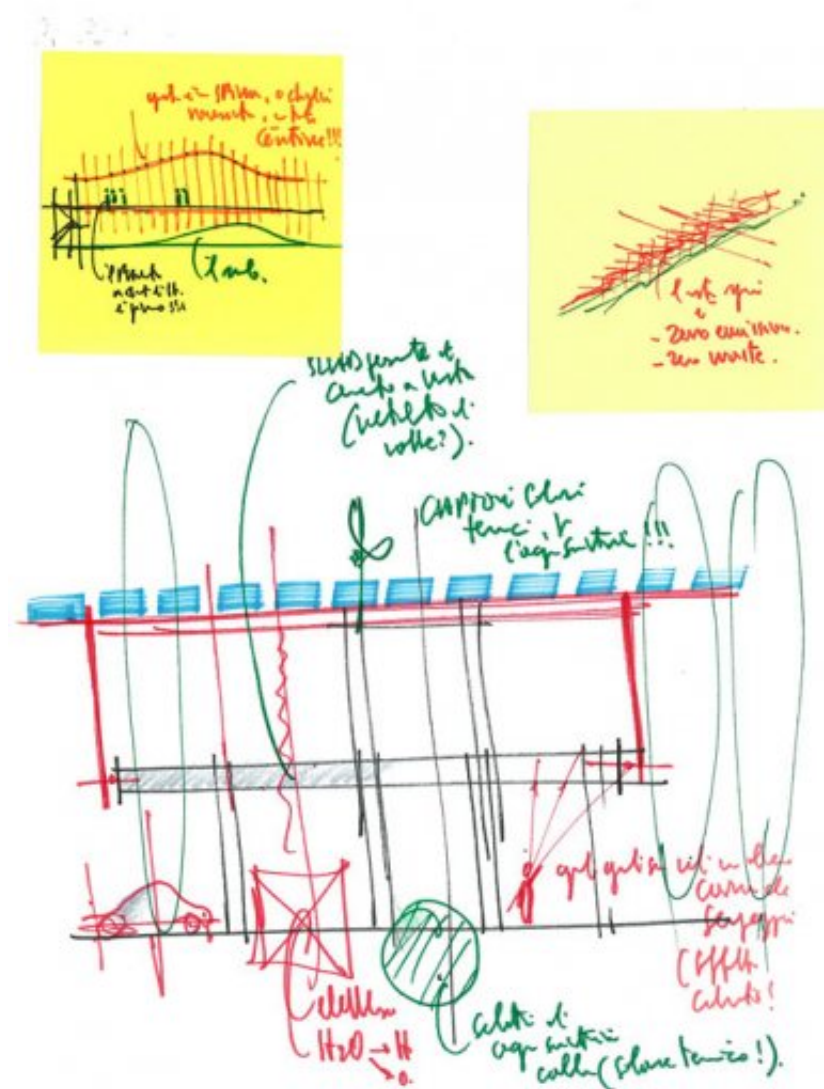
| | |
|-----------|-------------|
| Copyright | Renzo Piano |
|-----------|-------------|



| | |
|----------------|--------------|
| Subject | General plan |
| Scale | - |
| Size | A4 |
| Date | 2007-12-10 |
| Drawing number | - |
| Drawing code | Pty-rp_079 |

| | |
|--------|-------------|
| Author | Renzo Piano |
|--------|-------------|

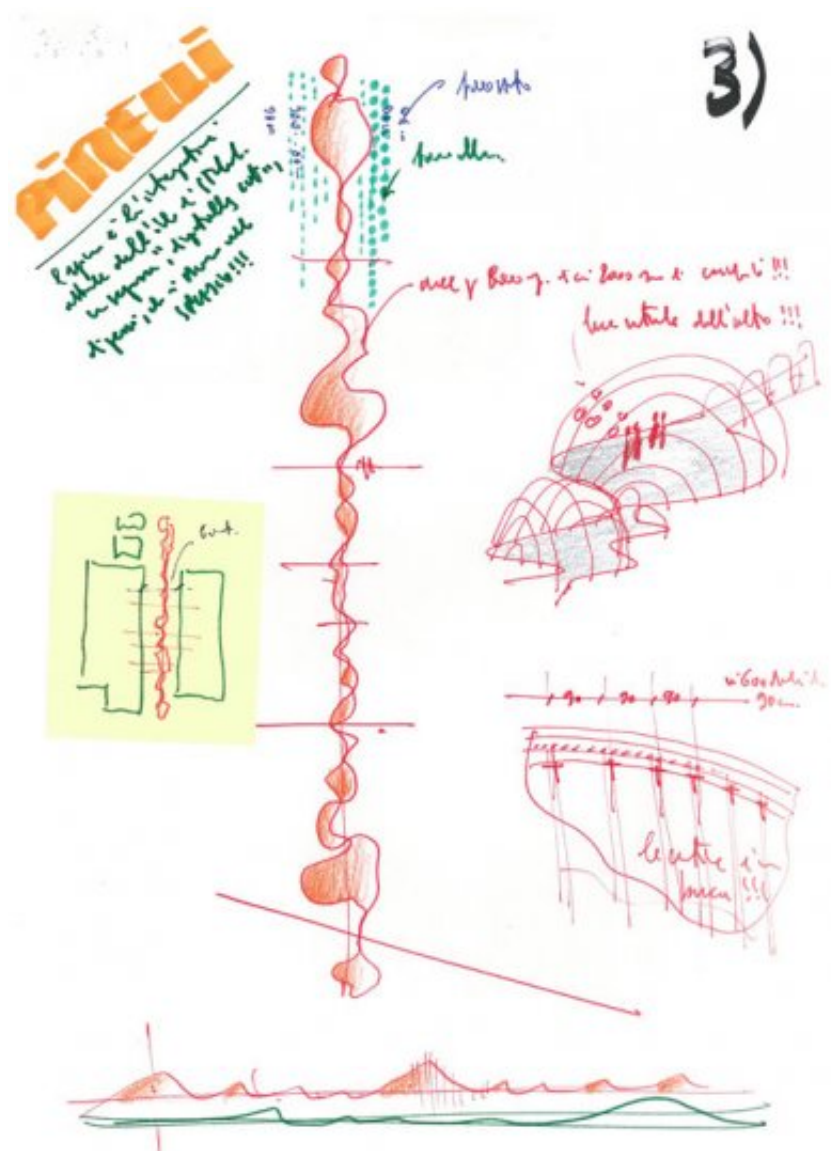
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|-----------|-------------|
| Copyright | Renzo Piano |
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| | |
|----------------|-------------------|
| Subject | Energy efficiency |
| Scale | - |
| Size | A4 |
| Date | 2007-12-10 |
| Drawing number | - |
| Drawing code | Pty-rp_081 |

| | |
|--------|-------------|
| Author | Renzo Piano |
|--------|-------------|

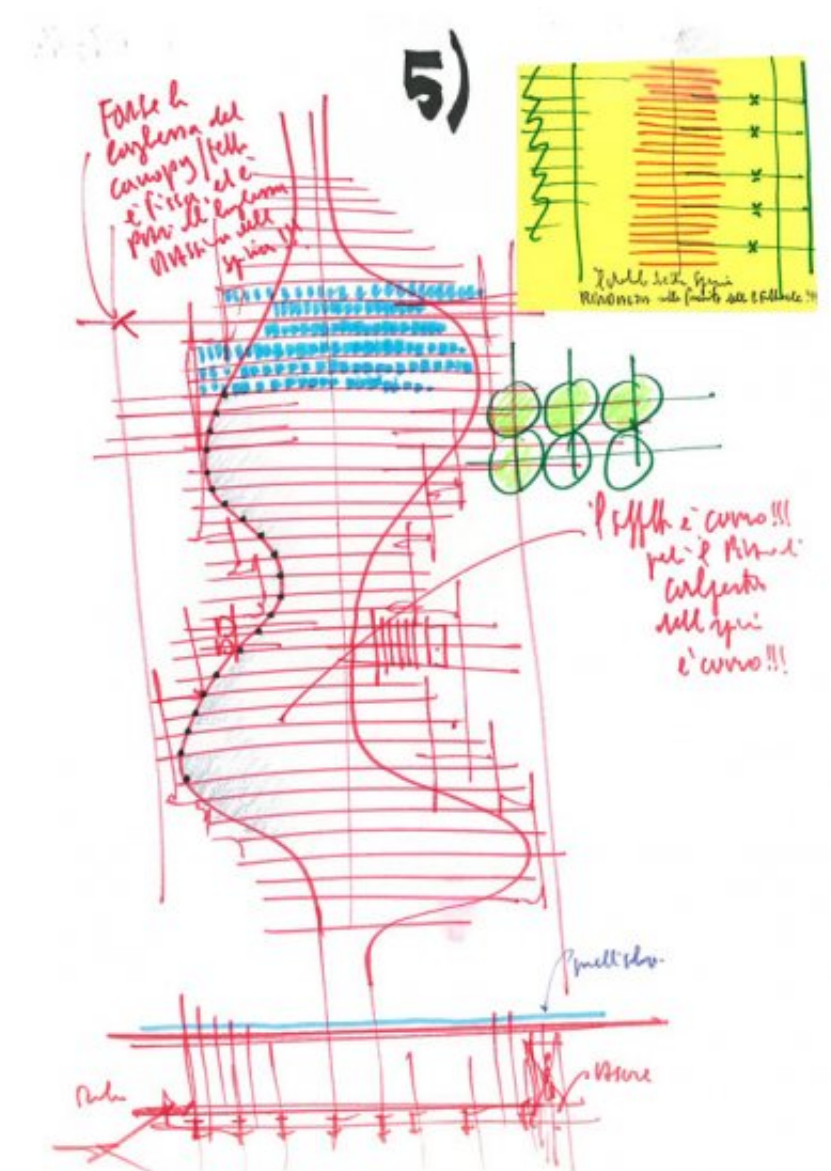
| | |
|-----------|-------------|
| Copyright | Renzo Piano |
|-----------|-------------|



| | |
|----------------|-------------------------|
| Subject | Study sketch: the spine |
| Scale | - |
| Size | A4 |
| Date | 2007-12 |
| Drawing number | - |
| Drawing code | Pty-rp_084 |

| | |
|--------|-------------|
| Author | Renzo Piano |
|--------|-------------|

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| Copyright | Renzo Piano |
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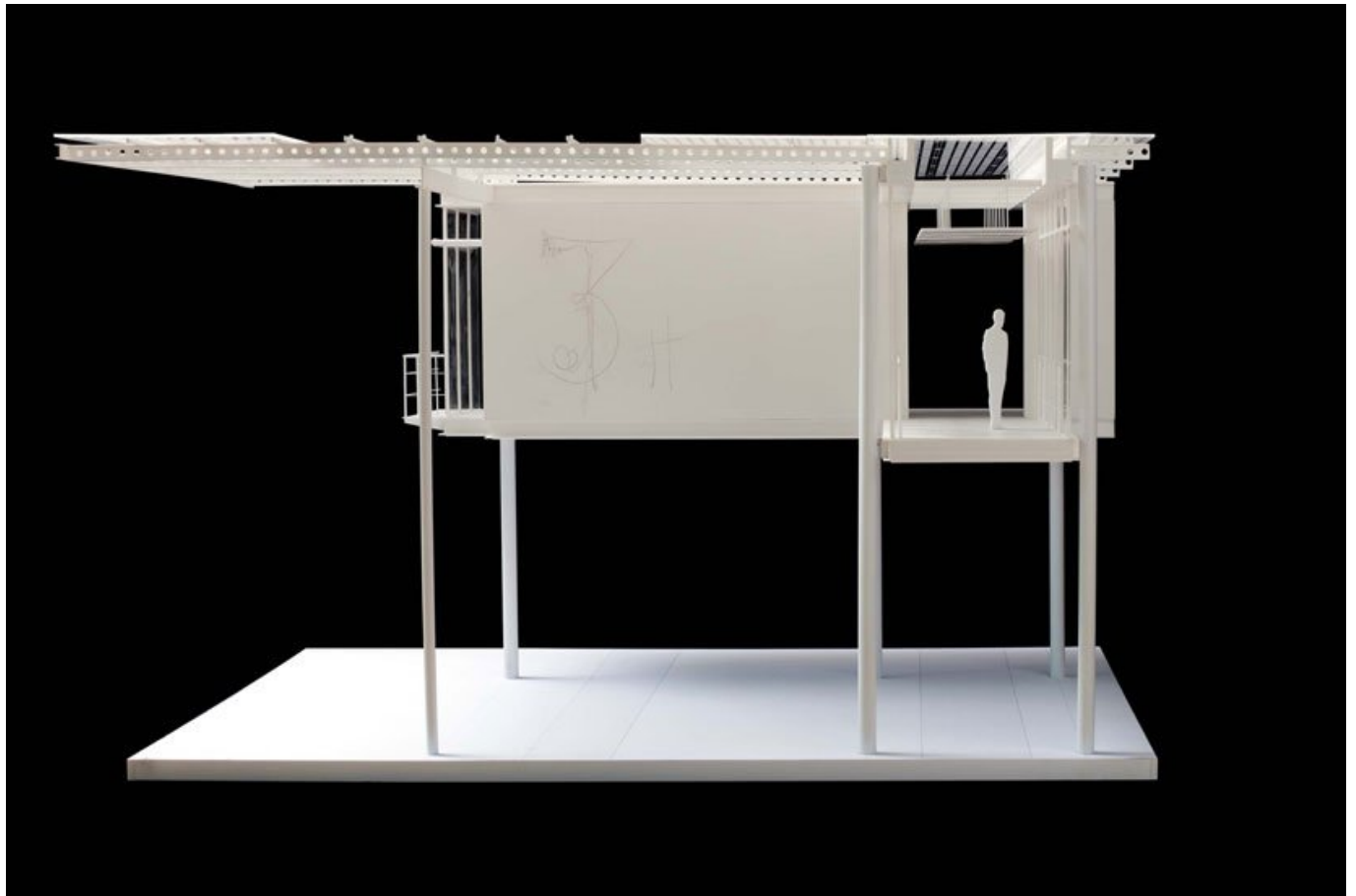


| | |
|----------------|-------------------------|
| Subject | Study sketch: the spine |
| Scale | - |
| Size | A4 |
| Date | 2007-12 |
| Drawing number | - |
| Drawing code | Pty-rp_085 |

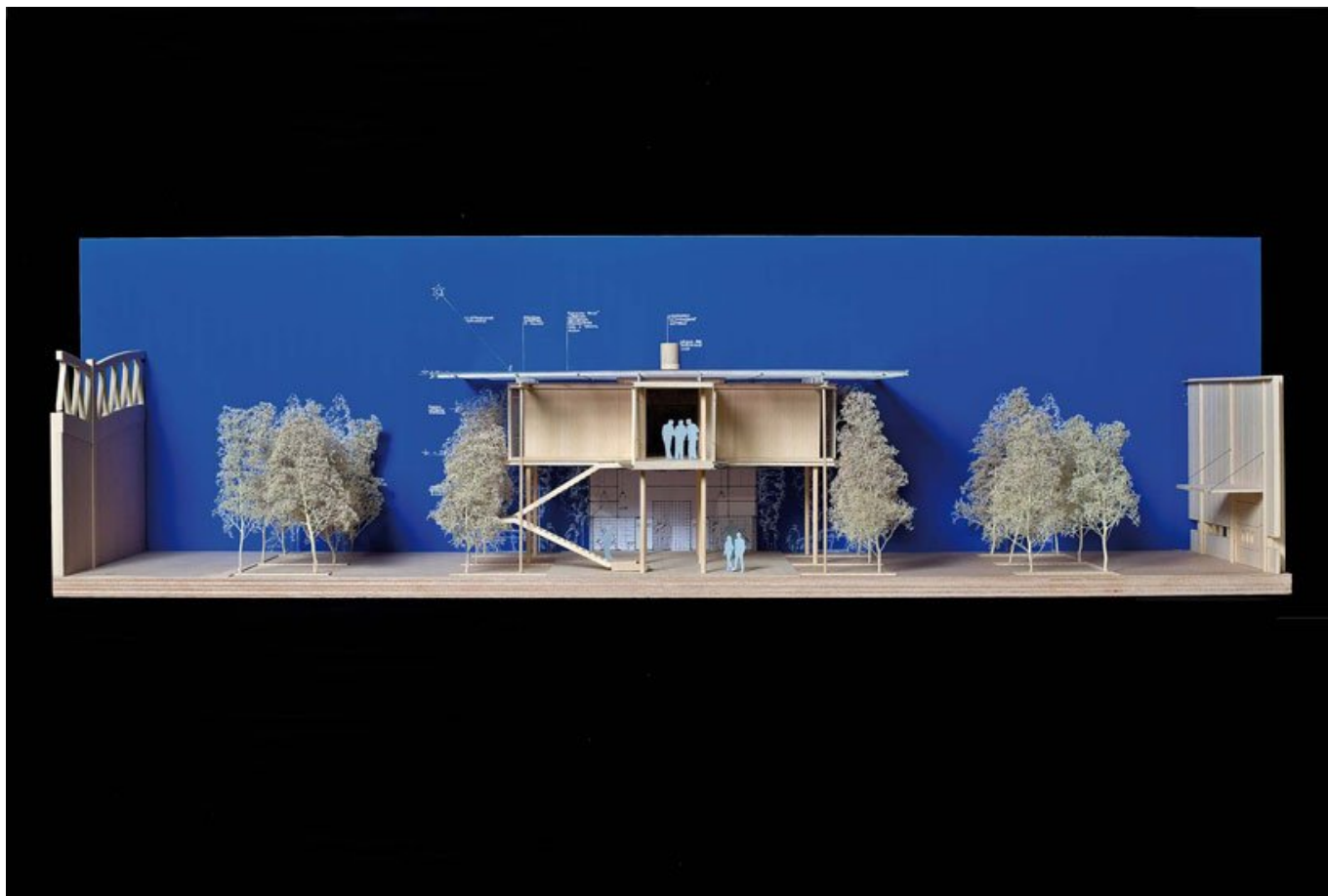
| | |
|--------|-------------|
| Author | Renzo Piano |
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|-----------|-------------|
| Copyright | Renzo Piano |
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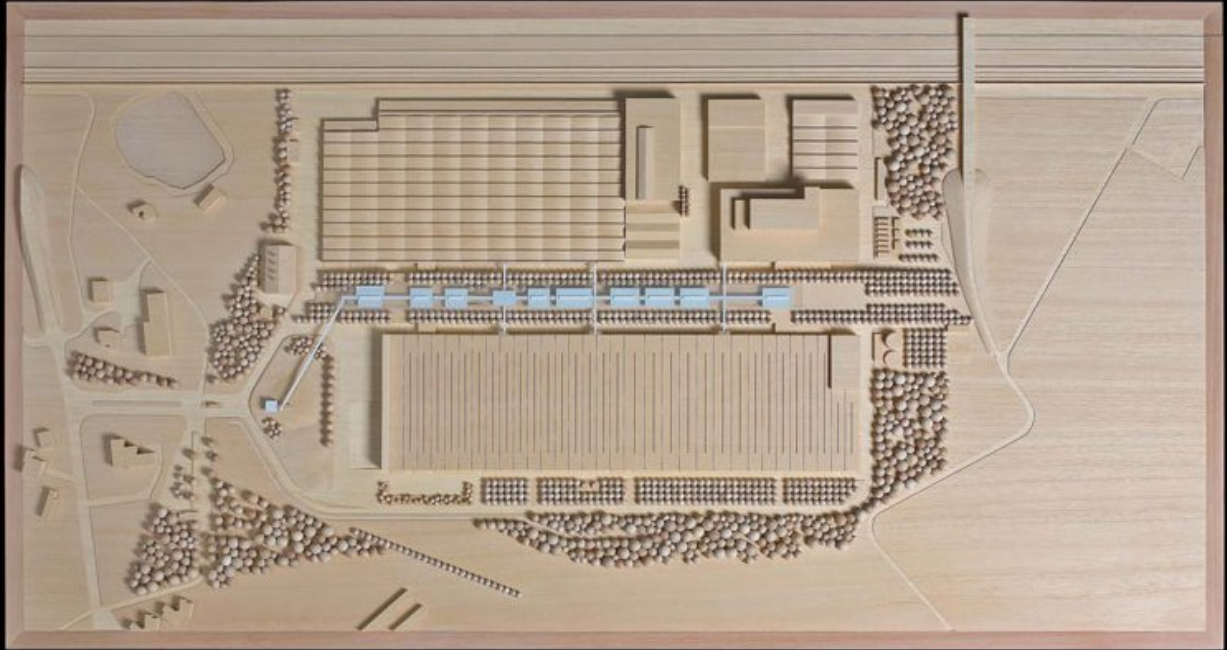
Modelli



| | |
|--------------|-------------------------------|
| Title | Spine typical section |
| Date | 2009-06-05 |
| Model Code | PTY_MD_002 |
| Scale | 1:20 |
| Model Author | Renzo Piano Building Workshop |



| | |
|--------------|-------------------------------|
| Title | Spine typical section |
| Date | 2009-01-30 |
| Model Code | PTY_MD_006 |
| Scale | 1:50 |
| Model Author | Renzo Piano Building Workshop |



| | |
|--------------|---|
| Title | General planimetry and volumes of the project |
| Date | 2009 |
| Model Code | PTY_MD_021 |
| Scale | 1:1000 |
| Model Author | Renzo Piano Building Workshop |

